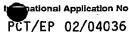
## INTERNATIONAL SEARCH REPORT



A. CLASSIFICATION OF SUBJECT MATTER
IPC 7 F27D23/00 F24F9/00 C01B31/10 D01F9/32 According to International Patent Classification (IPC) or to both national classification and IPC B. FIELDS SEARCHED Minimum documentation searched (classification system followed by classification symbols) IPC 7 F27D F24F C01B D01F C21D Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched Electronic data base consulted during the international search (name of data base and, where practical, search terms used) WPI Data, EPO-Internal, PAJ C. DOCUMENTS CONSIDERED TO BE RELEVANT Citation of document, with indication, where appropriate, of the relevant passages Relevant to dalm No. X PATENT ABSTRACTS OF JAPAN 1,2,5,6, vol. 010, no. 107 (C-341) 10,11, 22 April 1986 (1986-04-22) 14,22,23 & JP 60 238426 A (DAIDO TOKUSHUKO KK), 27 November 1985 (1985-11-27) abstract Α US 6 027 337 A (WIMBERGER RICHARD J ET 1 - 32AL, MEDINA, US) 22 February 2000 (2000-02-22) cited in the application column 10, line 9 -column 11, line 10 figures 2,8 Further documents are listed in the continuation of box C. Patent family members are listed in annex. Special categories of cited documents: "T" later document published after the International filing date or priority date and not in conflict with the application but clied to understand the principle or theory underlying the internation. \*A\* document defining the general state of the art which is not considered to be of particular relevance invention "E" earlier document but published on or after the International "X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone "L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified) "Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the orthogonal combination being obvious to a person skilled in the orthogonal combination being obvious to a person skilled in the orthogonal combination being obvious to a person skilled in the orthogonal combination being obvious to a person skilled in the orthogonal combination of the orthogonal combination document referring to an oral disclosure, use, exhibition or other means \*P\* document published prior to the International filing date but later than the priority date claimed \*&\* document member of the same patent family Date of the actual completion of the International search Date of mailing of the international search report 30 August 2002 06/09/2002 Name and mailing address of the ISA Authorized officer European Patent Office, P.B. 5818 Patentlaan 2 NL – 2280 HV Rijswijk Tel. (+31-70) 340-2040, Tx. 31 651 epo nl, Fax: (+31-70) 340-3016 Peis, S

## INTERNATIONAL SEARCH REPORT

pational Application No PCT/EP 02/04036

Patent document cited in search report		Publication date	Patent family member(s)	Publication date	
JP 60238426	Α	2, 11 1300	NONE		
US 6027337	Α	22-02-2000	NONE		

HOLLYNGUL, N.S.R.L.A. 68022 TEL. (604) 625-1160